

# Alon Hafri

## Contact Information

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## Education

- Ph.D. University of Pennsylvania (Philadelphia, PA) 2013 – present  
(expected Feb 2019) *Department:* Psychology  
*Advisors:* Drs. Russell Epstein and John Trueswell  
*Planned Thesis:* Extraction of event information in vision and language  
*Certificates:* IGERT Traineeship in Complex Scene Perception  
*PIs:* Drs. David Brainard and Kostas Daniilidis
- B.A. Wesleyan University (Middletown, CT) May 2007  
*Major:* Music  
*GPA:* 3.92 / 4.00

## Grants and Awards

- NIH T32 Institutional Predoctoral Research Training Grant 2015 – 2016  
*PI:* Dr. Diego Contreras; *Research Area:* Vision
- NSF Graduate Research Fellowship April 2015
- National Defense Science & Engineering Graduate Fellowship (declined award) April 2015
- Travel Award for Vision Sciences Society Meeting 2015

## Publications

1. **Hafri, A.**, Trueswell, J.C., & Strickland, B. (2018). Encoding of event roles from visual scenes is rapid, spontaneous, and interacts with higher-level visual processing. *Cognition*, 175, 336-52.
2. **Hafri, A.**, Trueswell, J.C., & Epstein, R. (2017). Neural representations of observed actions generalize across static and dynamic visual input. *The Journal of Neuroscience*, 37(11), 3056-3071.
3. **Hafri., A.**, Papafragou, A., & Trueswell, J.C. (2013). Getting the gist of events: Recognition of two-participant actions from brief displays. *Journal of Experimental Psychology: General*, 142(3), 880-905. doi: 10.1037/a0030045

4. Trueswell, J.C., Medina, T.N., **Hafri, A.**, & Gleitman, L.R. (2013). Propose but verify: Fast mapping meets cross-situational word learning. *Cognitive Psychology*, 66(1), 126-156. doi: 10.1016/j.cogpsych.2012.10.001

### Refereed Conference Proceedings

1. **Hafri, A.**, Trueswell, J. C., & Strickland, B. (2016). Extraction of event roles from visual scenes is rapid, automatic, and interacts with higher-level visual processing. In *Proceedings of the 38th Annual Conference of the Cognitive Science Society*. Philadelphia, PA.
2. Trueswell, J.C., Kaufman, D., **Hafri, A.**, & Lidz, J. (2012). Development of parsing abilities interacts with grammar learning: Evidence from Tagalog and Kannada. In *Proceedings of the 36th Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.

### Conference Talks

1. **Hafri, A.**, Strickland, B., Papafragou, A., & Trueswell, J. C. (2017). Rapid and Spontaneous Encoding of Event Structure from Visual Scenes: Implications for Language Acquisition. Talk presented at the *42nd Annual Boston University Conference on Language Development*. November 3–5, 2017.
2. **Hafri, A.**, Trueswell, J. C., & Strickland, B. (2017). Extraction of event roles from visual scenes is rapid, automatic, and interacts with higher-level visual processing. Talk presented at the *2017 Vision Sciences Society Annual Meeting*, St. Pete Beach, Florida, May 19-24, 2017.
3. **Hafri, A.**, Trueswell, J. C., & Strickland, B. (2016). Extraction of event roles from visual scenes is rapid, automatic, and interacts with higher-level visual processing. Talk presented at the *38th Annual Conference of the Cognitive Science Society*. Philadelphia, PA.
4. Trueswell, J.C., Medina, T.N., **Hafri, A.**, & Gleitman, L.R. (2012). Propose but verify: Fast mapping meets cross-situational word learning. Talk presented at the *2012 Psychonomic Society Annual Meeting*, Minneapolis, MN, November 15-18, 2012.
5. Trueswell, J.C., Kaufman, D., **Hafri, A.**, & Lidz, J. (2011). Development of parsing abilities interacts with grammar learning: Evidence from Tagalog and Kannada. Talk presented at the *36th Annual Boston University Conference on Language Development*, Boston, MA, November 4-6, 2011.

## Conference Posters

1. **Hafri, A.**, Trueswell, J.C., & Epstein, R. (2017). Neural representations of observed actions generalize across static and dynamic visual input. Poster presented at the *2017 Rovereto Workshop on Concepts, Actions, Objects*, Rovereto, Italy, May 4-7, 2017.
2. **Hafri, A.**, Trueswell, J.C., & Epstein, R. (2016). Format-independent cortical representations of interactive events. Poster presented at the *2016 Vision Sciences Society Annual Meeting*, St. Pete Beach, Florida, May 13-18, 2016.
3. **Hafri, A.**, Trueswell, J.C., & Epstein, R. (2015). Neural representations of human interactions. Poster presented at the *2015 Vision Sciences Society Annual Meeting*, St. Pete Beach, Florida, May 15-20, 2015.
  - Selected for a Travel Award
4. **Hafri, A.**, Trueswell, J.C., & Epstein, R.A. (2014). Neural representations of human interactions. Poster presented at the *2014 Society for Neuroscience Annual Meeting*, Washington, D.C., Nov 15-19, 2014.
5. **Hafri, A.**, Papafragou, A., & Trueswell, J.C. (2012). Getting the gist of events: Recognition of two-participant actions from brief displays. Poster presented at the *2012 Psychonomic Society Annual Meeting*, Minneapolis, MN, November 15-18, 2012.
6. **Hafri, A.**, Papafragou, A., & Trueswell, J.C. (2011). The gist of events: Implications for language production and scene description. Poster presented at the *24th Annual CUNY Conference on Human Sentence Processing*, Stanford, CA, March 24-26, 2011.
7. Medina, T.N., **Hafri, A.**, Trueswell, J.C., & Gleitman, L.R. (2010). Propose but verify: Fast mapping meets cross-situational word learning. Poster presented at the *35th Annual Boston University Conference on Language Development*, Boston, MA, November 5-7, 2010.
8. Göksun, T., Hirsh-Pasek, K., Golinkoff, R.M., Shallcross, W.L., Misitzis, Y., & **Hafri, A.** (2009). How do preschoolers express cause in gesture and speech? Poster presented at the *Society for Research on Child Development*, Denver, CO, April 2-4, 2009.

## Invited Talks

1. **Hafri, A.** (2018). Rapid extraction of event information from visual scenes. Invited talk presented at the Johns Hopkins Vision Group, Johns Hopkins University, Baltimore, MD, February 2, 2018.

2. **Hafri, A.** (2017). Extraction of morally relevant information from visual scenes. Invited talk presented at the Morality, Language, and Thought Workshop, Institut Jean Nicod, Paris, France, July 24, 2017.

## Other Research Experience

Research Assistant	Cognitive Neuroscience Lab (Philadelphia, PA) <i>PI:</i> Dr. Russell Epstein (U. of Pennsylvania)	2012 – 2013
Lab Manager	Language Development & Processing Lab (Philadelphia, PA) <i>PIs:</i> Drs. John Trueswell and Lila Gleitman (U. of Pennsylvania)	2009 – 2012
Research Assistant	Temple Infant Lab (Ambler, PA) <i>PI:</i> Dr. Kathy Hirsh-Pasek (Temple University)	2008 – 2009

## Teaching

### *Experience:*

- Teaching Assistant      Introduction to Perception      Spring 2015
- Teaching Assistant      Introduction to Cognitive Science      Fall 2014
- Teaching Assistant      Introduction to Psychology      Fall 2012

### *Mentoring:*

- Jon Wehry      Honors thesis, Psychology (U. of Pennsylvania)      2017 – 2018
- Russell Legate-Yang      High school student      Summer 2016

## Public Engagement

- Experiment Leader of activities for underserved children at the Community Science Carnival (Philadelphia, PA), August 2014
- Journal Club Leader on multivariate pattern analysis at the Penn Neuroscience Boot Camp (Philadelphia, PA), July 2014
- Activity Leader at Science After Hours at the Franklin Institute Science Museum (Philadelphia, PA), July 2014

## Professional Service

### *Ad hoc reviewer:*

- Brain and Cognition
- Cerebral Cortex
- Cognitive Sciences Society (abstracts)
- Journal of Neuroscience
- Visual Cognition

*Professional memberships:*

- Cognitive Sciences Society
- Society for Neuroscience
- Vision Sciences Society